Amendments to the Claims:
This listing of claims will replace all prior versions and listings of claims in the application.

Claims 17-20 are canceled without prejudice or disclaimer.

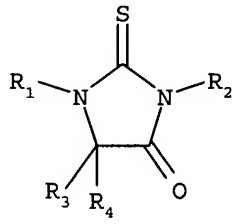
Claims 1-16 are amended.

Claims 21-30 are new.

Listing of Claims:

1) (Currently Amended) Compound derived from 2-thiohydantoin, ~~characterized in that it~~ which is selected from:

a) compounds of the formula

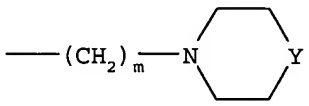


(I)

in which

· R_1 or R_2 each independently is

- a linear, branched or cyclic C_1-C_5 alkyl group,
- a C_3-C_4 alkenyl group,
- a C_2-C_3 hydroxyalkyl group or one of its precursor groups,
- a C_3-C_5 alkoxyalkyl group,
- a CH_2-$COOCH_3$ group,
- an N,N-dialkylaminoalkyl group,
- a group

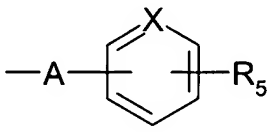


in which m is 2 or 3 and Y is O or N-CH_3,

- a dibenzofuranyl group, or
- a group $(CH_2)_p$-Ar, in which

p is 0 or 1, and

Ar is a phenyl or pyridinyl aromatic ring that is unsubstituted or substituted by one or more atoms or groups of atoms selected from halogens, C_1-C_4 alkyl, hydroxyl, nitro, C_1-C_3 alkoxy, methylenedioxy, SCH_3, free or esterified carboxylic acid, trifluoromethyl, trifluoromethoxy, cyano, morpholinyl and



in which

A is O, S, CH_2, OCH_2 or CH_2O,

X is CH or N, and

R_5 is a hydrogen atom, a halogen atom, an N,N-dialkylamino group, a C_1-C_4 alkyl group, a C_1-C_3 alkoxy group, a hydroxyl group that is free or esterified by an amino acid, or a carboxyl or alkoxy(C_1-C_4)carbonyl group;

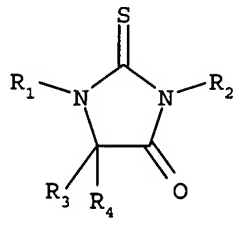
- R_3 is a hydrogen atom, a halogen atom, a C_1-C_4 alkyl group, a C_1-C_4 alkoxy group, a hydroxyl group, a phenyl group or a benzyl group; and
- R_4 is a hydrogen atom, a halogen atom or a C_1-C_4 alkyl group,

with the proviso that at least one of the substituents R_1 and R_2 comprises in its structure 2 aromatic rings selected from phenyl and pyridinyl groups, the dibenzofuranyl group being considered here as comprising 2 aromatic rings; and

b) addition salts of the compounds of formula (I) with a non-toxic acid if said compounds of formula (I) comprise a salifiable basic group.

2. (Currently Amended) Compound derived from 2-thiohydantoin, ~~characterized in that it~~ which is selected from:

a) compounds of the formula

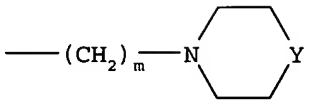


(I)

in which

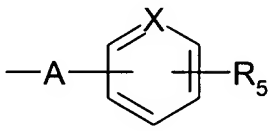
· R_1 and R_2 independently of one another are

- a C_1-C_5 alkyl group,
- a C_3-C_4 alkenyl group,
- a C_2-C_3 hydroxyalkyl group,
- a C_3-C_5 alkoxyalkyl group,
- a CH_2-$COOCH_3$ group,
- an N,N-dialkylaminoalkyl group,
- a group



in which m is 2 or 3 and Y is O or N-CH_3,

- a dibenzofuranyl group, or
- a group $(CH_2)_p$-Ar in which
- p is 0 or 1, and
- Ar is a phenyl or pyridinyl aromatic ring that is unsubstituted or substituted by one or more atoms or groups of atoms selected from halogens, C_1-C_4 alkyl, hydroxyl, nitro, C_1-C_3 alkoxy, methylenedioxy, ester, trifluoromethyl, trifluoromethoxy, cyano, morpholinyl and the group



in which

- A is O or S,
- X is CH or N, and
- R_5 is a hydrogen atom, a halogen atom, an N,N-dialkylamino group, a C_1-C_3 alkoxy group or a hydroxyl group that is free or esterified by an amino acid;

· R_3 is a hydrogen atom, a halogen atom, a C_1-C_4 alkyl group, a C_1-C_4 alkoxy group, a hydroxyl group, a phenyl group or a benzyl group; and

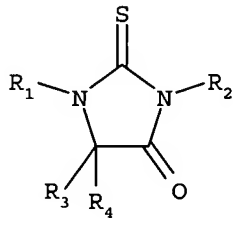
· R_4 is a hydrogen atom, a halogen atom or a C_1-C_4 alkyl group,

with the proviso that at least one of the substituents R_1 and R_2 comprises in its structure 2 aromatic rings selected from phenyl and pyridinyl groups, or is the dibenzofuranyl group; and

b) addition salts of the compounds of formula (I) with a non-toxic acid if said compounds of formula (I) comprise a salifiable basic group.

3. (Currently Amended) Compound according to claim 2, ~~characterized in that it~~ which is selected from:

a) compounds of the formula



(I)

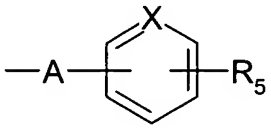
in which

· R_1 is

- a C_3-C_4 alkenyl group,
- a dibenzofuranyl group, or
- a group $(CH_2)_n$-Ar in which

n is 0 or 1, and

Ar is a phenyl or pyridinyl aromatic ring that is unsubstituted or substituted by one or more atoms or groups of atoms selected from halogens, C_1-C_4 alkyl, nitro, C_1-C_3 alkoxy, C_3-C_4 alkoxyalkyl and the group



in which

A is O or S,

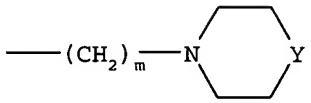
X is C or N, and

R_5 is a hydrogen atom, a halogen atom, an N,N-di(C_1-C_3)alkylamino group, a C_1-C_3 alkoxy group or a hydroxyl group that is free or esterified by an amino acid;

· R_2 is

- a C_1-C_5 alkyl group,

- a C_3-C_4 alkenyl group,
- a C_2-C_3 hydroxyalkyl group,
- a C_3-C_5 alkoxyalkyl group,
- a CH_2-$COOCH_3$ group,
- a group N,N-di(C_1-C_3)alkylamino(C_1-C_3)alkyl,
- a group

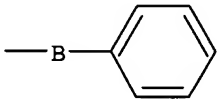


in which m is 2 or 3 and Y is O or N-CH_3, or

- a group $(CH_2)_p$-Ar in which

p is 0 or 1, and

Ar is a phenyl or pyridinyl aromatic ring that is unsubstituted or substituted by one or more atoms or groups of atoms selected from halogens, C_1-C_4 alkyl, hydroxyl, nitro, C_1-C_3 alkoxy, methylenedioxy, ester, trifluoromethyl, trifluoromethoxy, cyano, morpholinyl and the group



in which

B is O or S;

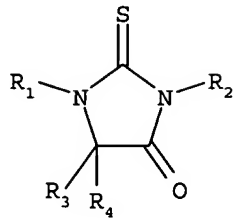
· R_3 is a hydrogen atom, a halogen atom, a C_1-C_4 alkyl group, a C_1-C_4 alkoxy group, a hydroxyl group, a phenyl group or a benzyl group; and

· R_4 is a hydrogen atom, a halogen atom or a C_1-C_4 alkyl group,

with the proviso that at least one of the substituents R_1 and R_2 comprises in its structure 2 aromatic rings selected from phenyl and pyridinyl groups, or R_1 is the dibenzofuranyl group; and

b) addition salts of the compounds of formula (I) with a non-toxic acid if said compounds of formula (I) comprise a salifiable basic group.

4. (Currently Amended) Compound derived from 2-thiohydantoin, ~~characterized in that it~~ <u>which</u> is selected from the compounds of formula (I):



(I)

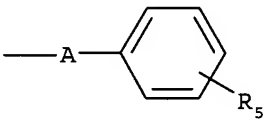
in which

· R_1 and R_2 independently of one another are

- a C_1-C_5 alkyl group,
- a C_3-C_4 alkenyl group, or
- a group -$(CH_2)_n$-Ar in which

n is 0 or 1, and

Ar is a phenyl ring that is unsubstituted or substituted by one or more atoms or groups of atoms selected from halogens, C_1-C_4 alkyl, nitro, C_1-C_3 alkoxy, methylenedioxy, carboxyl or alkoxy(C_1-C_4)carbonyl, and



in which

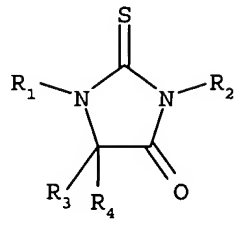
A is CH_2O or OCH_2, and

R_5 is a hydrogen atom, a halogen atom, a C_1-C_4 alkyl group, a C_1-C_3 alkoxy group or a carboxyl or alkoxy(C_1-C_4)carbonyl group; and

· R_3 and R_4 each independently are a hydrogen atom or a C_1-C_4 alkyl group,

with the proviso that at least one of the substituents R_1 and R_2 comprises 2 aromatic rings in its structure.

5. (Currently Amended) Compound according to claim 4, ~~characterized in that it~~ which is selected from the compounds of formula (I):



(I)

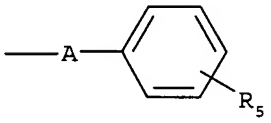
in which

· R_1 is

- a C_3-C_4 alkenyl group, or
- a group -$(CH_2)_n$-Ar in which

n is 0 or 1, and

Ar is a phenyl ring that is unsubstituted or substituted by one or more atoms or groups of atoms selected from halogens, C_1-C_4 alkyl, nitro, C_1-C_3 alkoxy, carboxyl or alkoxy(C_1-C_4)carbonyl, and



in which

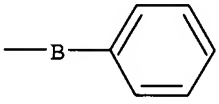
A is CH_2O or OCH_2, and

R_5 is a hydrogen atom, a halogen atom, a C_1-C_4 alkyl group, a C_1-C_3 alkoxy group or a carboxyl or alkoxy(C_1-C_4)carbonyl group;

· R_2 is

- a C_1-C_5 alkyl group,
- a C_3-C_4 alkenyl group, or
- a group -Ar in which

Ar is a phenyl ring that is unsubstituted or substituted by one or more atoms or groups of atoms selected from halogens, C_1-C_4 alkyl, nitro, C_1-C_3 alkoxy, methylenedioxy, carboxyl or alkoxy(C_1-C_4)carbonyl, and



in which

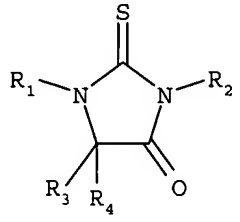
B is CH_2O or OCH_2; and

· R_3 and R_4 each independently are a hydrogen atom or a C_1-C_4 alkyl group,

with the proviso that at least one of the substituents R_1 and R_2 comprises 2 aromatic rings in its structure.

6. (Currently Amended) Compound derived from 2-thiohydantoin, ~~characterized in that it~~ which is selected from:

a) the compounds of formula (I):



(I)

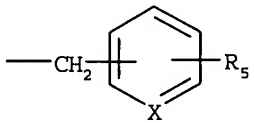
in which

· R_1 and R_2 independently of one another are

- a C_1-C_5 alkyl group,
- a C_3-C_4 alkenyl group,
- a C_2-C_3 hydroxyalkyl group or one of its precursors,
- a C_3-C_5 alkoxyalkyl group, or
- a group $(CH_2)_p$-Ar in which

p is 0 or 1, and

Ar is a phenyl or pyridinyl aromatic ring that is unsubstituted or substituted by one or more atoms or groups of atoms selected from halogens, hydroxyl, nitro, cyano, C_1-C_3 alkoxy, carboxyl, alkoxy(C_1-C_4)carbonyl, methylthio, methylenedioxy and



in which

X is CH or N, and

R_5 is a hydrogen atom, a halogen atom, a C_1-C_3 alkoxy group or a hydroxyl group; and

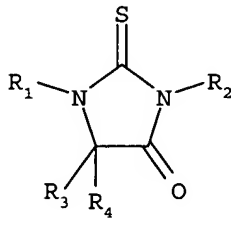
· R_3 and R_4 each independently are a hydrogen atom or a C_1-C_4 alkyl group,

with the proviso that at least one of the substituents R_1 and R_2 comprises in its structure 2 aromatic rings selected from phenyl and pyridinyl groups; and

b) addition salts of the compounds of formula (I) with a non-toxic acid if said compounds of formula (I) comprise a salifiable basic group.

7. (Currently Amended) Compound according to claim 6, ~~characterized in that it~~ which is selected from:

a) the compounds of formula (I):



(I)

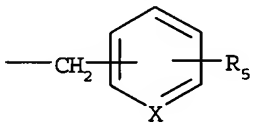
in which

· R_1 is

- a C_3-C_4 alkenyl group, or
- a group $(CH_2)_n$-Ar in which

n is 0 or 1, and

Ar is a phenyl aromatic ring that is unsubstituted or substituted by one or more atoms or groups of atoms selected from halogens, C_1-C_3 alkoxy, nitro and the group



in which

X is CH or N, and

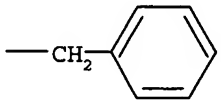
R_5 is a hydrogen atom, a halogen atom, a C_1-C_3 alkoxy group or a hydroxyl group;

· R_2 is

- a C_1-C_5 alkyl group,
- a C_3-C_4 alkenyl group,
- a C_2-C_3 hydroxyalkyl group or one of its precursors,
- a C_3-C_5 alkoxyalkyl group, or
- a group $(CH_2)_p$-Ar in which

p is 0 or 1, and

Ar is a phenyl or pyridinyl aromatic ring that is unsubstituted or substituted by one or more atoms or groups of atoms selected from halogens, hydroxyl, nitro, cyano, C_1-C_3 alkoxy, carboxyl, alkoxy(C_1-C_4)carbonyl, methylthio, methylenedioxy and



and

· R_3 and R_4 each independently are a hydrogen atom or a C_1-C_4 alkyl group,

with the proviso that at least one of the substituents R_1 and R_2 comprises in its structure 2 aromatic rings selected from phenyl and pyridinyl groups; and

b) addition salts of the compounds of formula (I) with a non-toxic acid if said compounds of formula (I) comprise a salifiable basic group.

8. (Currently Amended) Compound according to claim 1, ~~characterized in that~~ in which one of the radicals R_1 or R_2 is the phenoxyphenyl, phenylthiophenyl, (phenylmethoxy)phenyl or (phenylmethyl)phenyl group and the radicals R_3 and R_4 and the other radical R_1 or R_2 are as defined in claim 1 [~~or 2~~].

9. (Currently Amended) Compound according to claim 2 ~~or 3, characterized in that~~ ,in which one of the radicals R_1 or R_2 is the phenoxyphenyl or phenylthiophenyl group and the radicals R_3 and R_4 and the other radical R_1 or R_2 are as defined in claim 2 [~~or 3~~].

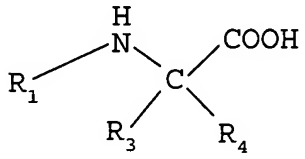
10. (Currently Amended) Compound according to claim 4 ~~or 5, characterized in that~~ ,in which one of the radicals R_1 or R_2 is the phenoxyphenyl, phenylthiophenyl, (phenylmethoxy)phenyl or (phenylmethyl)phenyl group and the radicals R_3 and R_4 and the other radical R_1 or R_2 are as defined in claim 4 [~~or 5~~].

11. (Currently Amended) Compound according to claim 6 ~~or 7, characterized in that~~ ,in which one of the radicals R_1 or R_2 is the phenoxyphenyl, phenylthiophenyl, (phenylmethoxy)phenyl or (phenylmethyl)phenyl group and the radicals R_3 and R_4 and the other radical R_1 or R_2 are as defined in claim 6 ~~or 7~~.

12. (Currently Amended) Compound of formula (I) according to ~~any one of claims 1 to 4, characterized in that~~ claim 1, in which R_3 is a methyl group and R_4 is a hydrogen atom or a methyl group.

13.(Currently Amended) Process for the preparation of a compound of formula (I) according to ~~any one of claim[s] 1 to 12, characterized in that~~ claim 1, wherein it comprises steps which consist in:

a) reacting an acid of the formula

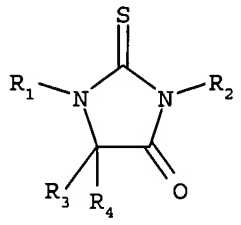


(II)

in which R_1 and R_4 are as defined above in claim 1 and R_3 is H, C_1-C_4 alkyl, phenyl or benzyl, with an isothiocyanate of formula (III):

$$R_2\text{-}N{=}C{=}S \quad \text{(III)}$$

in which R_2 is a group as defined above in claim 1, in a solvent, at a temperature between 20°C and the boiling point of the solvent, in the presence of a base, for 1 to 20 hours, to give the compound of formula (I):



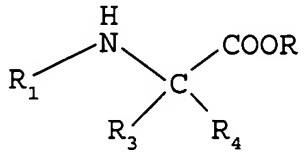
(I)

in which R_1, R_2, R_3 and R_4 are as defined for the starting materials; and

b) if necessary, if the compound of formula (I) obtained above contains a salifiable basic group such as an amine, reacting said compound with a mineral or organic acid, in an anhydrous solvent, to give the salt of the compound of formula (I).

14.(Currently Amended) Process for the preparation of a compound of formula (I) according to ~~any one of claims 1 to 12, characterized in that~~ claim 1, wherein it consists in:

a) reacting an ester of formula (IV):

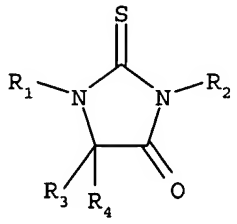


(IV)

in which R_1 and R_4 are as defined in claim 1, R_3 is H, C_1-C_4 alkyl, phenyl or benzyl and R is a C_1-C_4 alkyl group, preferably a methyl, ethyl or isopropyl group, with an isothiocyanate of formula (III):

$$R_2\text{-}N{=}C{=}S \quad \text{(III)}$$

the reaction being carried out in a solvent, in the presence of a weak acid, at a temperature between 80°C and the boiling point of the solvent, for 0.5 to 5 hours, to give the compound of formula (I):



(I)

in which

R_1, R_2, R_3 and R_4 are as defined for the starting compounds; and

b) if necessary, in the case where the compound of formula (I) comprises a salifiable basic group, reacting said compound with an acid to give the corresponding salt.

15. (Currently Amended) Pharmaceutical composition, ~~characterized in that~~ which it contains at least one compound of formula (I) according to ~~any one of claims 1 to 12~~ claim 1 in association with at least one physiologically acceptable excipient.

16. (Currently Amended) Compound of formula (I) or one of its addition salts with a pharmaceutically acceptable acid, according to ~~any one of claims 1 to 12~~ claim 1, as a pharmacologically active substance.

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (New) Method for the treatment of diabetes and diseases due to hyperglycemia, which consists in administering to a patient in need thereof an effective amount of a compound of formula (I) according to claim 1, or one of its addition salts with a pharmaceutically acceptable acid.

22. (New) Method for the treatment of hypertriglyceridemia and dyslipidemia which consists in administering to a patient in need thereof an effective amount of a compound of formula (I) according to claim 1, or one of its addition salts with a pharmaceutically acceptable acid.

23. (New) Method for the treatment of obesity which consists in administering to a patient in need thereof an effective amount of a compound of formula (I) according to claim 1, or one of its addition salts with a pharmaceutically acceptable acid.

24. (New) Method for the treatment of cerebral vascular accidents which consists in administering to a patient in need thereof an effective amount of a compound of formula (I) according to claim 1, or one of its addition salts with a pharmaceutically acceptable acid.

25. (New) Compound according to claim 3, in which one of the radicals R_1 or R_2 is the phenoxyphenyl or phenylthiophenyl group and the radicals R_3 and R_4 and the other radical R_1 or R_2 are as defined in claim 3.

26. (New) Compound according to claim 5, in which one of the radicals R_1 or R_2 is the phenoxyphenyl, phenylthiophenyl, (phenylmethoxy)phenyl or (phenylmethyl)phenyl group and the radicals R_3 and R_4 and the other radical R_1 or R_2 are as defined in claim 5.

27. (New) Compound according to claim 7, in which one of the radicals R_1 or R_2 is the phenoxyphenyl, phenylthiophenyl, (phenylmethoxy)phenyl or (phenylmethyl)phenyl group and the radicals R_3 and R_4 and the other radical R_1 or R_2 are as defined in claim 7.

28. (New) Compound of formula (I) according to claim 2 in which R_3 is a methyl group and R_4 is a hydrogen atom or a methyl group.

29. (New) Compound of formula (I) according to claim 3 in which R_3 is a methyl group and R_4 is a hydrogen atom or a methyl group.

30. (New) Compound of formula (I) according to claim 4 in which R_3 is a methyl group and R_4 is a hydrogen atom or a methyl group.